

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

03-21-07

PATENT APPLICATION

ATTORNEY DOCKET NO. 200400344-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Sean Xiao-An Zhang et al

Confirmation No.: 7078

Application No.: 10/645750

Examiner:
T.F. Tran

Filing Date: Sept. 21, 2004

Group Art Unit: 2811

Title: E-Field Polarized Materials



Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- () under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97(c) together with either a:
(.) Statement under 37 CFR 1.97(e), or
(X) a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV896710068

Respectfully submitted,

Date of Deposit Mar. 19 2007

Sean Xiao-An Zhang et al

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By David W. Collins

By

David W. Collins

L.D. Raphael

Attorney/Agent for Applicant(s)
Reg. No. 26857

Date: Mar. 19, 2007

03/21/2007 CNGUYEN2 08000079 082025
180.00 DA
01 Feb 1806



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. 200400344-1	APPLICATION NO. 10/645,750	CONFIRMATION NO. 7078
APPLICANT Sean Xiao-An Zhang et al		
FILING DATE Sept. 21, 2004	GROUP 2811	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A		2004/066677	8 Apr 2004	Zhang et al	
1B					
1C					
1D					
1E					
1F					
1G					
1H					
1I					
1J					
1K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L						
1M						
1N						
1O						
1P						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Martin P. Debreczeny et al, "Optical Control of Photogenerated Ion Pair Lifetimes: An Approach to a Molecular Switch", SCIENCE, Vol. 274, 25 October 1996, pp. 584-587.
1R	Gosztola, David et al, "Picosecond Molecular Switch Based on Bidirectional Inhibition of Photoinduced Electron Transfer Using Photogenerated Electric Fields", J. Am.Chem.Soc, 1998, 120,pp5118-5119.
1S	Metzger, Robert M., "Unimolecular Electrocal Rectification by Hexadecylquinolinium Tricyanoquinodimethanide", Mol. Cryst. and Liq. Cryst., 1999, Vol. 337, pp. 37-42.

PATENT APPLICATION

Sheet 2 of 2

FORM PTO-1449		ATTY. DOCKET NO. 200400344-1	APPLICATION NO. 10/645,750	CONFIRMATION NO. 7078
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Sean Xiao-An Zhang et al		
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	1L					
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	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Martin, A.S. et al, "Molecular Rectifier", Physical Review Letters, 11 January 1993, Volume 70, Number 2, pp. 218-221.
1R	Rettig, W, "Photophysical and Photochemical Switches Based on Twisted Intramolecular Charge Transfer (TICT) States", Applied Physics B/Photophysics & Laser Chemistry, B45 1988 March, No. 3, pp. 145-149
1S	